

511, 259
Rec'd PCT/PTO 14 OCT 2004

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
6 November 2003 (06.11.2003)

PCT

(10) International Publication Number
WO 03/091651 A1

(51) International Patent Classification⁷: F28F 27/00,
F28D 9/00

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(21) International Application Number: PCT/EP03/03983

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(22) International Filing Date: 15 April 2003 (15.04.2003)

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English

(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

(26) Publication Language: English

(30) Priority Data:
0209352.4 24 April 2002 (24.04.2002) GB

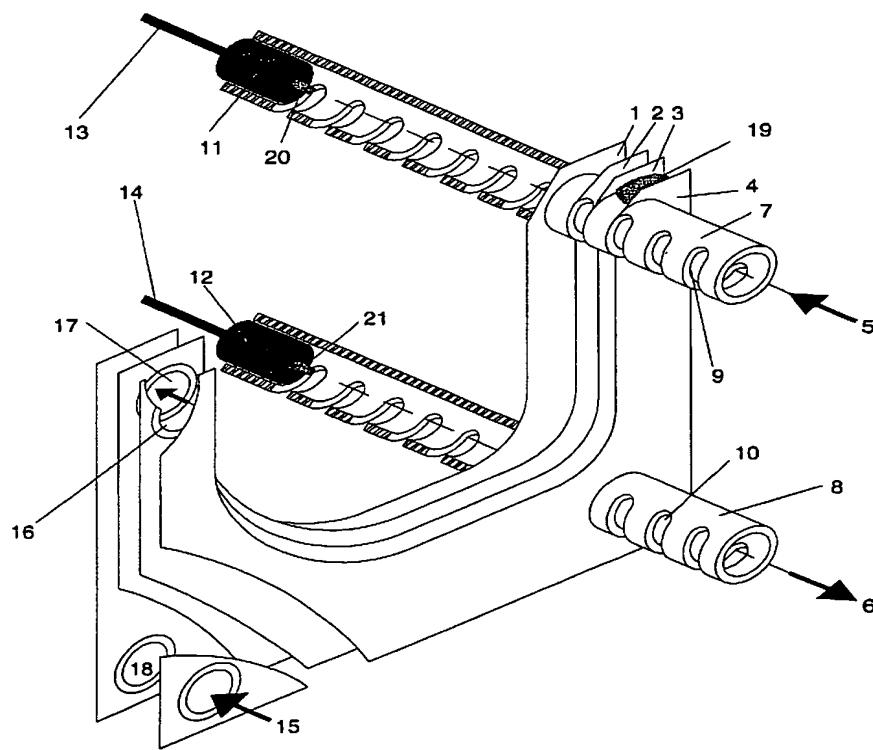
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[Continued on next page]

(54) Title: IMPROVED HEAT EXCHANGER TEMPERATURE CONTROL SYSTEM



(57) Abstract: A heat exchanger for use in temperature control comprising two or more heat transfer elements (1, 2, 3, 4) containing flowing heating or cooling fluid and in contact with a medium whose temperature is to be controlled by the number of heat transfer elements (1, 2, 3, 4) in operation and which can be varied to control the heat transfer capacity of the heat exchanger wherein the number of heat transfer elements (1, 2, 3, 4) in operation is controlled by measurement of the temperature (20, 21) of the medium to be controlled and the actuator (11, 12) for controlling the number of heat transfer elements (1, 2, 3, 4) in operation is contained within the body of the heat exchanger.

Example of how to design a variable area piston in a plate heat exchanger.

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